

Docket No.
ISPH-0520

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Methods of Using Mammalian RNase H and Compositions Thereof

the specification of which

(check one)

is attached hereto.

was filed on February 12, 2001 as United States Application No. or PCT International Application Number 09/781,712

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

RECEIVED
JUN 13 2001
TECHNOLOGY CENTER 2000



RECEIVED

JUN 13 2001

TECH CENTER 1600/2900

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/067,458	December 4, 1997
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/684,254	October 6, 2000	Pending
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
09/343,809	June 30, 1999	Pending
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
09/203,716	December 2, 1998	Patented
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)



26259

PATENT TRADEMARK OFFICE

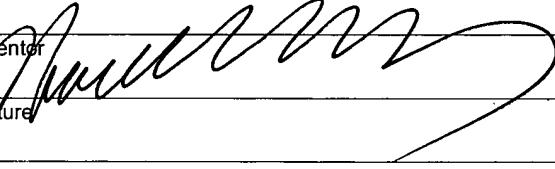
Herb Boswell, Reg. No. 27,311
 Laurel Spear Bernstein, Reg. No. 37,280
 Robert S. Andrews, Reg. No. 44,508
 April Logan, Reg. No. 33,950
 Neil S. Bartfeld, Reg. No. 39,901

of the firm

ISIS Pharmaceuticals, Inc.-Carlsbad Research Center
2292 Faraday Avenue
Carlsbad, California 92008

Send Correspondence to: **Jane Massey Licata or Kathleen A. Tyrrell**
Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

Direct Telephone Calls to: (*name and telephone number*)
Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515

Full name of sole or first inventor Stanley T. Crooke		4-20-01
Sole or first inventor's signature		Date
Residence Carlsbad, California		
Citizenship US		
Post Office Address 3211 Piragua Street		
Carlsbad, California		

Full name of second inventor, if any Walter Lima		
Second inventor's signature 		Date 4-30-01
Residence San Diego, California		
Citizenship US		
Post Office Address 2405 Bancroft Street		
San Diego, California 92104		

Full name of third inventor, if any Hongjiang Wu	Third inventor's signature 	Date 3-29-01
Residence Carlsbad, California		
Citizenship China		
Post Office Address 7831 Calle Pinabete		
Carlsbad, California 92009		

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Docket No.

ISPH-0520

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Methods of Using Mammalian RNase H and Compositions Thereof

the specification of which

(check one)

is attached hereto.

was filed on February 12, 2001 as United States Application No. or PCT International Application Number 09/781,712

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

TECHNOLOGY CENTER
JULY - 7 2001

RECEIVED
U.S. PATENT AND TRADEMARK OFFICE



I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/067,458
(Application Serial No.)

December 4, 1997
(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/684,254
(Application Serial No.)

October 6, 2000
(Filing Date)

Pending

(Status)
(patented, pending, abandoned)

09/343,809
(Application Serial No.)

June 30, 1999
(Filing Date)

Pending

(Status)
(patented, pending, abandoned)

09/203,716
(Application Serial No.)

December 2, 1998
(Filing Date)

Patented

(Status)
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)



26259

PATENT TRADEMARK OFFICE

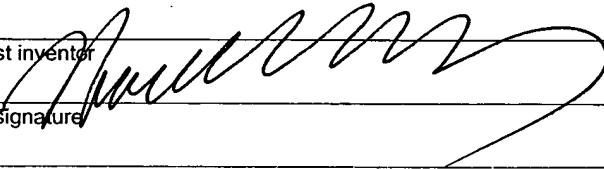
Herb Boswell, Reg. No. 27,311
 Laurel Spear Bernstein, Reg. No. 37,280
 Robert S. Andrews, Reg. No. 44,508
 April Logan, Reg. No. 33,950
 Neil S. Bartfeld, Reg. No. 39,901

of the firm

ISIS Pharmaceuticals, Inc.-Carlsbad Research Center
 2292 Faraday Avenue
 Carlsbad, California 92008

Send Correspondence to: **Jane Massey Licata or Kathleen A. Tyrrell**
Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

Direct Telephone Calls to: (name and telephone number)
Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515

Full name of sole or first inventor Stanley T. Crooke		4-20-01
Sole or first inventor's signature	Date	
Residence Carlsbad, California		
Citizenship US		
Post Office Address 3211 Piragua Street		
Carlsbad, California		

Full name of second inventor, if any Walter Lima		
Second inventor's signature	Date 4-30-01	
Residence San Diego, California		
Citizenship US		
Post Office Address 2405 Bancroft Street		
San Diego, California 92104		

Full name of third inventor, if any Hongjiang Wu	Third inventor's signature 	Date 3-29-01
Residence Carlsbad, California		
Citizenship China		
Post Office Address 7831 Calle Pinabete		
Carlsbad, California 92009		

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	